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 ATGACATCATTGACTGCATGTTCATCCTCTCTTGCTGGCCTCATCTCAGCCTGTCATTG
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 TCTCCCACACATCCCCACAGTGCTCACCTCACATCGCTGTTCCCTTGATGCTGGTTTATC
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 CCCCCCTTGTGCTCCATGTTCTCTTAATGACCTCTGCCAAATAACCTTACTGTGTTGCTAC
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 TGCCTTCGGAGCCCAGAGCTCAGAGATGCATTCAAAGGATGCTTCTGCAACCGTATTAGT
 AGAATTGGATCCCTGCTTGAGTGTAAAGGGACCAAATAACACATCAGTCTGACA (SEQ
 ID NO:1)

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 LAISDMLGSLYKILENILIMFRNMGYLKPRGSFESTADDIIDCMFILSLLGSIFSLSVIAADRYI
 TIFHALQYHSIVMRRTIITLTIIWMFCTGSGITMVIFSHIPTVLTFTSLFPLMLVFILCLYIH
 MFLLARSHARKISTLPRTNMKGAMTLTILLGVFIFCWAPFVLHVLLMTFCPNNPYCVCYMSLFQV
 NGMLIMCNAVIDPFIYAFRSPELRDAFKRMLFCNRY (SEQ ID NO:2)

FIGURE 1

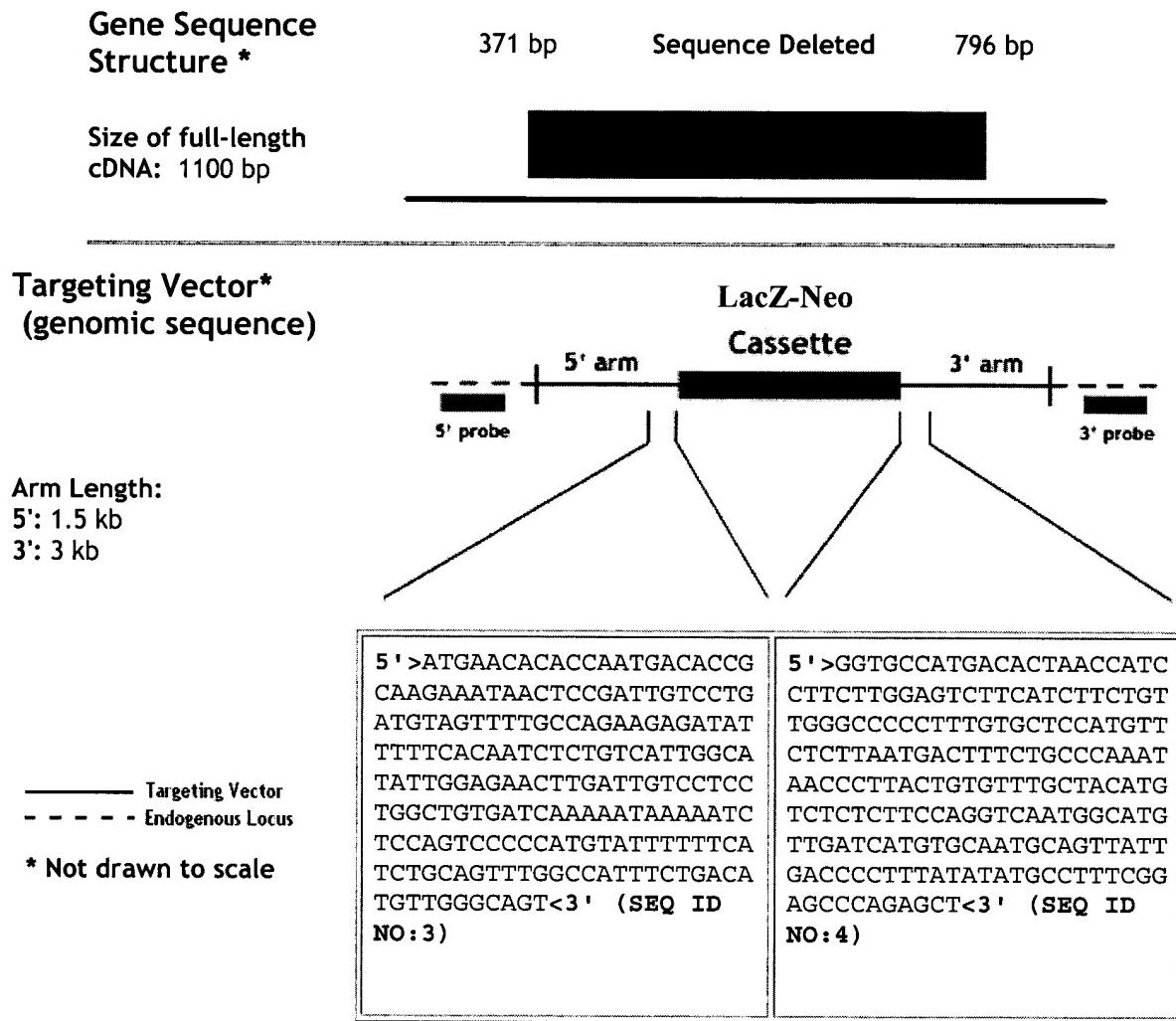
underlined = deleted in targeting construct

Bold = sequence flanking Neo insert in targeting construct

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CTTCTGCAACGGTATTAGAATTTTGATCCCTGTTGAGTGTGAAGGGACCA
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FIGURE 2A

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**FIGURE 2B**

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Metrazol Dose to Reach Seizure Stages

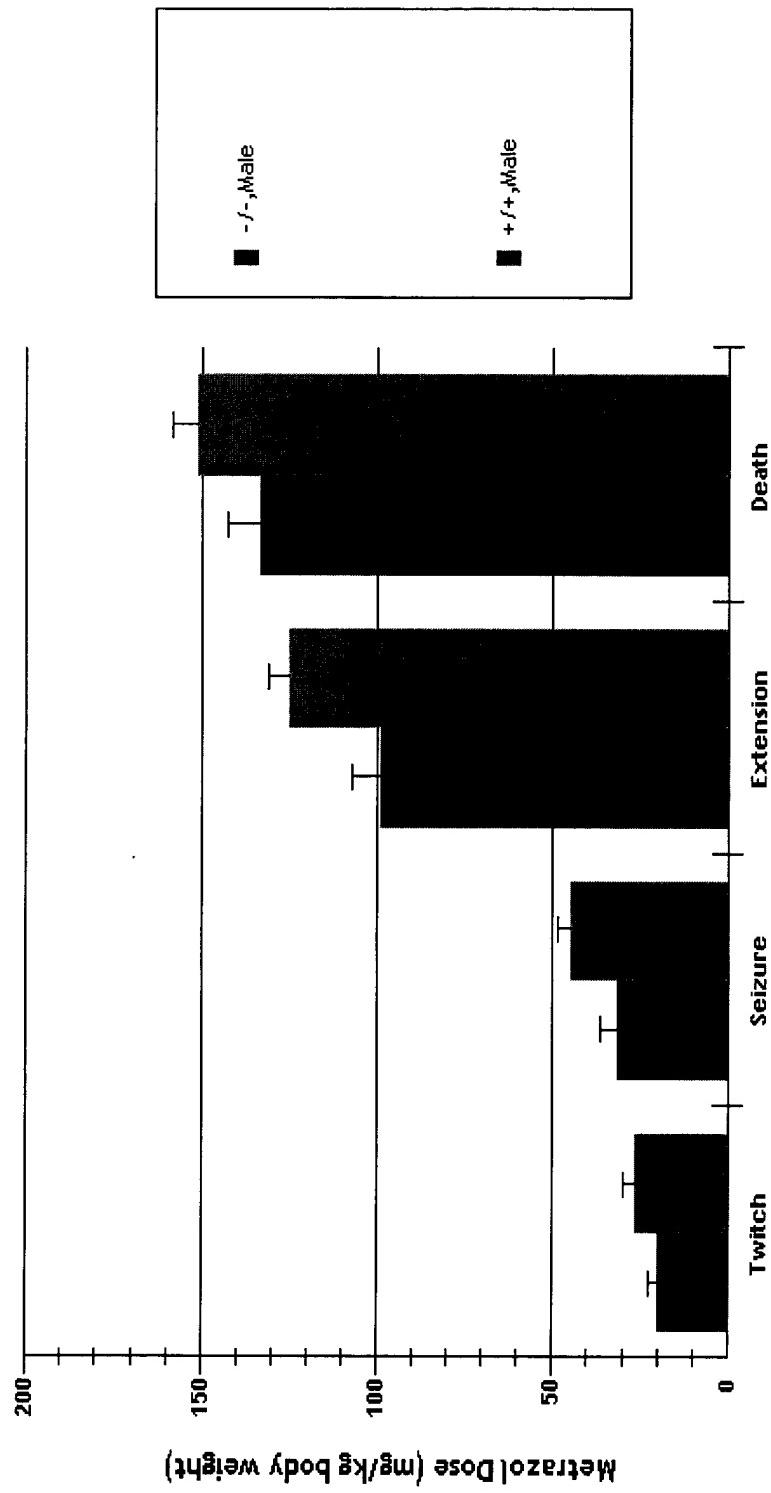


FIGURE 3

Open Field Summary Data - Distance Travelled

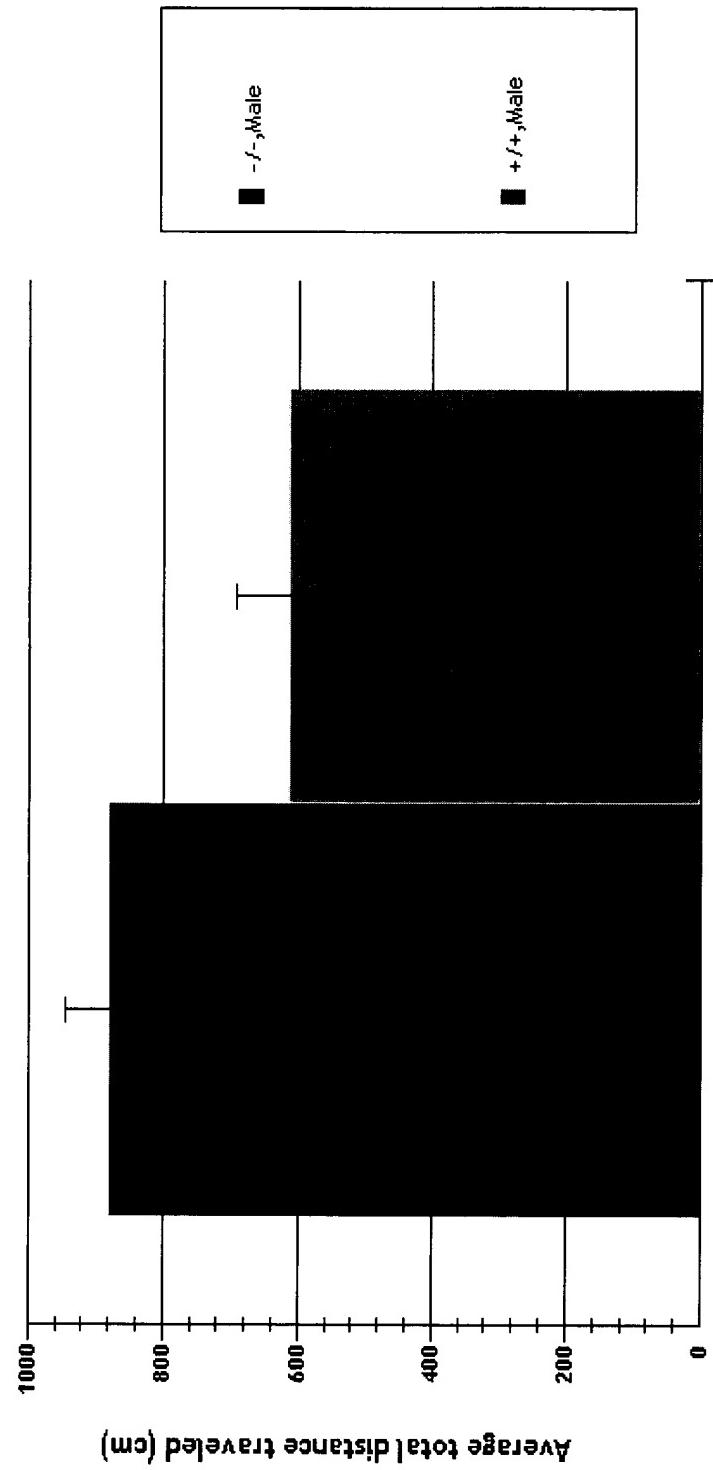


FIGURE 4

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Tail Suspension - Total Time Immobile

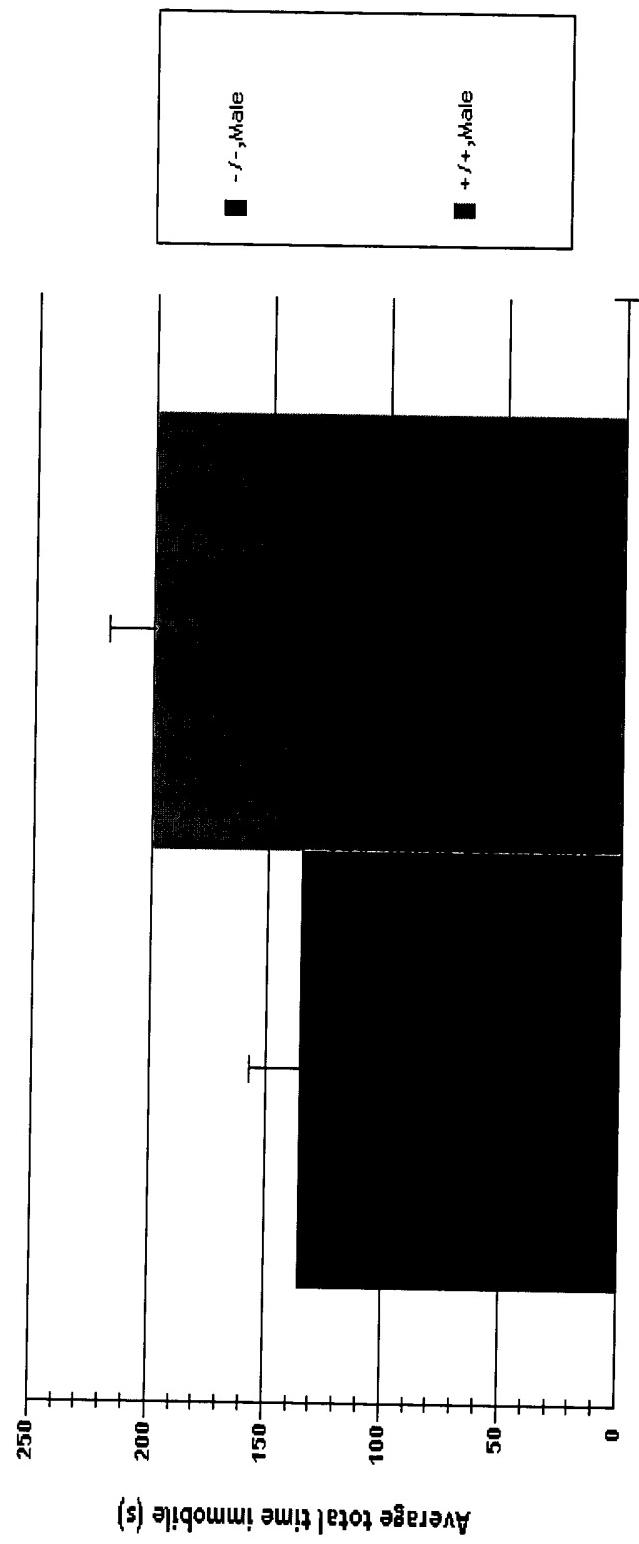


FIGURE 5